



STRUCTURAL™ POLY GLASS® VESSELS



5 Year Extended
Limited Warranty

pentair.com



PROVEN PERFORMANCE IN RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS

Pentair® STRUCTURAL™ Poly Glass Vessels have been the industry standard for quality and performance for over 30 years. Featuring a one piece, seamless high density polyethylene liner and an encapsulated, leak free engineered polymer inlet, Structural Poly Glass Vessels are designed to provide you with years of worry free performance.

FEATURES AND BENEFITS

- For residential and light commercial water softener / filtration applications
- Slim Diameter with capacities from 33 Litres - 185 Litres
- Unmatched strength and chemical resistance
- 5-year warranty for 6"-16" vessels

MATERIAL OF CONSTRUCTION

- Inner shell of high density polyethylene
- Threaded inlet in various sizes: 2.5", 4"

OPERATING PARAMETERS

- Maximum operating pressure - 150 psi
- Maximum operating temperature - 120° F

APPLICATIONS

- Residential/light commercial softening
- Residential/light commercial filtration
- Portable exchange tanks

PENTAIR DESIGN PARAMETERS

- Safety factor - 4:1
- Minimum burst at 600 psi
- Tested to 250,000 cycles without leakage

NSF/ANSI STD. 44 DESIGN PARAMETERS

- Safety factor - 4:1
- Minimum burst at 600 psi
- Tested to 100,000 cycles without leakage

COLOR OPTIONS

- BL - Blue
- NA - Natural





QUALITY STANDARDS AT PENTAIR

Pentair Water India is an ISO 9001:2015 company , with STRUCTURAL™ PolyglassTanks CE Certified according to 2014/68/EU Directives, tested to Drinking Water standard such as NSF® and certified by Water Quality Association (WQA©) for NSF 44 and NSF 372 with Gold Seal Logo



Vessels tested and certified by the Water Quality Association (WQA) to NSF/ANSI Std. 44 for material safety and structural integrity requirements and Std. 372 for low lead compliance.

TECHNICAL SPECIFICATIONS

VESSEL	DESCRIPTION	HEIGHT W/BASE INCHES / MM	CAPACITY GALLONS / LITERS	CUBIC FEET
08x44	0844 PG 2.5"T	44.35/1126	8.7/32.9	1.16
10x35	1035 PG 2.5"T	35.90/912	10.2/38.6	1.36
10x54	1054 PG 2.5"T	55.00/1397	16.4/62.0	2.19
12x48	1248 PG 2.5"T	49.10/1247	20.6/78.0	2.75
13x54	1354 PG 2.5"T	54.1/1374	27.5/104.0	3.68
14x65	1465 PG 4"T	65.10/1654	40.6/154.0	5.43
16x65	1665 PG 4"T	65.5/1664	49.0/185.0	6.55

NEW INTRODUCTION

14x65	1465 PG 4"T/4"B	78.94/2005	41.0/154.0	5.48
16x65	1665 PG 4"T/4"B	78.98/2006	49.0/185.0	6.55

*Pentair strongly recommends use of vacuum breaker while installing STRUCTURAL™ Pressure Vessels

**Please refer individual general arrangement drawing for dimensions, volumes etc.

Note: Pentair maintains a policy of continuous improvement / development and reserves the right to amend the information given herein without any prior notice.



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